

ABSTRACT OF THE DISCLOSURE

Image data having a high S/N ratio is obtained even when the exposure time is relatively long. To achieve the above object, there is provided an image
5 input apparatus in which an accumulation mode is set with the shutter open, thereby acquiring image data A1. The shutter is then closed, and the accumulation mode is set to acquire subtraction data between the image data and black image data A2. This processing is
10 repeated to acquire image data A1 and subtraction data A2, and these subtraction data are added. These operations A1, A2, and A3 are repeated a predetermined number of times to update addition data, and image processing is performed on the basis of the updated
15 addition data.